

CARDIFF  
PORT SANITARY AUTHORITY.

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ANNUAL REPORT

FOR THE YEAR 1897,

BY

EDWARD WALFORD, M.D., D.P.H., CAMB.,

MEDICAL OFFICER OF HEALTH.



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Printed by Order of the Sanitary Authority.

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CARDIFF:  
TUDOR PRINTING WORKS, TUDOR ROAD.  
—  
1898.

# Health and Port Sanitary Committee.

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*Chairman :*

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„ W. H. ALLEN.

„ J. A. JONES.

„ LEWIS MORGAN.

„ H. CORY.

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## Medical Officer of Health's Department.

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EDWARD WALFORD, M.D., D.P.H.

*Chief Inspector of Nuisances :*

DAVID JENKINS, CERTIFICATE SANITARY INSTITUTE.

*Assistant Inspectors :*

F. S. REES, CERTIFICATED MASTER MARINER.

S. J. HOLBOURN, CERTIFICATE SANITARY INSTITUTE.

# Cardiff Port Sanitary Authority.

TOWN HALL,  
CARDIFF.

## *TO THE CHAIRMAN AND MEMBERS OF THE CARDIFF PORT SANITARY AUTHORITY.*

GENTLEMEN,—

I have the honour to submit to you my Annual Report for the year 1897.

The Port Sanitary District of Cardiff was constituted in the year 1882, by a Provisional Order of the Local Government Board, which was subsequently confirmed by Parliament.

In this Order the boundaries of the District are defined as follows:—

“So much of the Port of Cardiff as lies between the River Rumney and  
“Lavernock Point; together with the waters of the said Port within  
“such limits, and the place for the time being appointed as the  
“Customs Boarding Station for such part of the said Port, and  
“every other place for the time being appointed for the mooring or  
“anchoring of ships for such part of the said Port, under any regu-  
“lations for the prevention of the spread of disease issued under the  
“authority of the Statutes in that behalf; and the watersides, docks,  
“basins, and creeks of and belonging to such part of the said Port.”

By a Provisional Order, dated 27th July, 1893, the limits of Jurisdiction of the Cardiff Port Sanitary Authority were extended, and on the 15th September, 1894, an Order of the Board was issued permanently constituting the Authority. This Order came into operation on the 9th November, 1894, and contains the following provisions:—

### SECTION I.—CONSTITUTION OF PORT SANITARY AUTHORITY.

ARTICLE 1.—This Order shall come into operation on the Ninth day of November, One Thousand Eight Hundred and Ninety-four, unless it shall become Provisional, and until this Order comes into operation the said Order dated the Twenty-seventh day of July, One Thousand Eight Hundred and Ninety-three, shall continue in force.

ARTICLE 2.—The Mayor, Aldermen, and Burgesses of the said Borough of Cardiff, acting by the Council, as the said Urban Sanitary Authority, shall be permanently constituted the Port Sanitary Authority for the part of the said Port of Cardiff, hereinafter described.

ARTICLE 3.—The Port Sanitary Authority may from time to time appoint committees consisting of Members of such Authority for the exercise of any powers which, in the opinion of such Authority, can be properly exercised by committees, but the acts of every such committee shall, unless otherwise directed by the Port Sanitary Authority, be submitted to such Authority for approval.

Provided that a committee so appointed shall in no case be authorised to borrow money or to issue any precept for contributions, or to enter into any contract, and it shall be subject to the provisions of Part IV. of the First Schedule to the Local Government Act, 1894, so far as they are applicable.

## SECTION II.—LIMITS OF JURISDICTION.

ARTICLE 4.—The jurisdiction of the said Port Sanitary Authority shall extend to so much of the said Port of Cardiff as is comprised within the following lines, that is to say :

A straight line drawn due south from the seaward extremity of the common boundary of the Parishes of Sully and Lavernock to the boundary of the said Port and a line following and coincident with the boundary of the said Port from its commencement at the River Rumney to the point at which the straight line firstly hereinbefore mentioned meets such boundary ;

together with the water of the said Port of Cardiff within such limits, and the place or places for the time being appointed as the Customs Boarding Station or Stations for such part of the said Port, and every other place for the time being appointed for the mooring or anchoring of ships for such part of the said Port under any regulations for the prevention of the spread of diseases issued under the authority of the Statutes in that behalf, and the docks, basins, harbours, creeks, rivers, channels, roads, bays, and streams, belonging to such part of the said Port.

## SECTION III.—ASSIGNMENT OF POWERS, &c.

ARTICLE 5.—For the purposes of this Order the following Sections of The Public Health Act, 1875, the Public Health (Officers) Act, 1884, the Public Health (Ships, &c.) Act, 1885, the Public Health (Members and Officers) Act, 1885, and the Public Health Acts Amendment Act, 1890, shall apply ; and the Port Sanitary Authority shall have, exercise, perform, and be subject to, all the powers, rights, duties, capacities, liabilities, and obligations, of an Urban Sanitary Authority under the same Sections, so far as those Sections are applicable to waters within the jurisdiction of such Port Sanitary Authority, or to ships coming or being within the said jurisdiction, or to persons upon any such ship, or brought by any such ship within the said jurisdiction, or to goods or things upon any such ship, or to goods or things landed from any such ship, and being within the said jurisdiction, and which in the opinion of the said Authority or their Medical Officer of Health requires to be disinfected or destroyed ; namely :—

Of the Public Health Act, 1875 :—

Section 70, relating to polluted water.

Sections 91 to 111, both inclusive, relating to Nuisances.

Sections 120 to 133, both inclusive, relating to Infectious Diseases and Hospitals.

Sections 134 to 140, both inclusive, as to the prevention of Epidemic Diseases.

Sections 141 and 142, relating to Mortuaries.

Sections 173 and 174, relating to Contracts.

Sections 175, 176, and 177, relating to Purchase of Lands.

Sections 179, 180, and 181, relating to Arbitration.

Sections 182 to 186, both inclusive, and Section 188, relating to Bye-Laws.



Section 189 (except as regards the Offices of Surveyor and Collector),  
Sections 191 to 196, both inclusive, and Sections 197, 198, 205, and  
206, relating to Officers and Conduct of Business of Local Authorities.

Sections 236 to 239, both inclusive, relating to Mortgages.

Sections 245, 247 (as amended by the District Auditors Act, 1879), 249,  
and 250, relating to Audit.

Sections 241, and 253 to 268, both inclusive, and Section 269 (as amended  
by the Summary Jurisdiction Act, 1884), relating to Legal Proceedings.

Section 278, relating to Settlement of Disputes as to Boundaries.

Sections 299 to 302, both inclusive, relating to defaulting Local  
Authorities.

Sections 305 to 310, both inclusive, relating to Miscellaneous Provisions.

Sections 327, 328, and 329, being Saving Clauses.

Of the Public Health (Officers) Act, 1884 :—

Section 2.

Of the Public Health (Ships, etc.) Act, 1885 :—

Section 2.

Of the Public Health (Members and Officers) Act, 1885 :—

Section 2.

Of the Public Health Acts Amendment Act, 1890 :—

Section 3, so far as it enables an Urban Sanitary Authority to adopt  
Section 48.

Provided as follows :—

(1.) Nothing herein contained shall affect the powers of any Riparian  
Authority except as to such waters, ships, persons, and things as  
above mentioned.

(2.) In this Article the term “ship” includes vessel or boat.

The regulations of the Local Government Board prescribe, with regard to the  
Medical Officer of Health :—

“That he shall prepare an annual report, to be made to the end of  
“December in each year, comprising tabular statements so far as he  
“shall have been able to obtain the necessary information, of the  
“sickness and mortality of persons on ship-board within the District,  
“classified according to diseases, ages, and vessels, and a summary  
“of the action taken during the year for preventing the spread of  
“disease. The report shall also contain an account of the proceedings  
“in which he has taken part or advised under the Public Health Act,  
“1875, so far as such proceedings relate to conditions dangerous or  
“injurious to health, and also an account of the supervision exercised  
“by him, or on his advice, for sanitary purposes over places and  
“vessels that the Port Sanitary Authority has power to regulate, with  
“the nature and results of any proceedings which may have been so  
“required and taken in respect of the same during the year.”

This report is therefore made in accordance with the above quoted regulations.

The Floating Population of the District is roughly estimated at 7,000 persons, and is contained for the most part in the following Docks :—

	West Bute Docks	East Bute Dock.	Roath Dock.	Penarth Dock.	Penarth Tidal Harbour	
Width of Sea Gate	45ft.	55ft.	60ft.	60½ft.		Width of Sea Gate
Basin ... ..	300ft. by 200ft	380ft. by 250ft.	1,000ft. by 500ft.	400ft. by 330ft.		Basin
Lock ... ..	152ft. by 36ft.	220ft. by 55ft. Sea Lock. 200ft. by 50ft. Inner Lock.	350ft. by 80ft. Sea Lock. 600ft. by 80ft. Inner Lock.	270ft. by 60½ft.		Lock
Dock ... ..	4,000ft. by 200ft.	On North Side 4,350ft. by 500ft. On South Side by 300ft.	2,400ft. by 600ft.	2,100ft. by 370ft.	First Reach 4,600ft. by 600ft. Total length 13,000ft.	Dock
Depth of Water in Dock ... ..	19ft. & 13ft.	25ft.	26ft. & 36ft.	25ft. & 35ft.	First reach 30ft.	Depth of Water in Dock
Depth of Water on Sill (Spring Tide)	28ft. 8½in.	31ft. 8½in.	36ft.	35ft.		Depth of Water on Sill (Spring Tide)
Do. do. (Neap Tide)	18ft. 8½in.	22ft. 8½in.	26ft.	25ft.		Do. do. (Neap Tide)
No. of Coal Staiths for shipment of coal	16	20	17	14	9	No. of Coal Staiths for shipment of coal
Water Area ...	17 Acres of Dock.	Basin, 3 Acres. Dock, 42 Acres.	Basin, 12 Acres. Dock, 33 Acres.	Basin, 3 Acres. Dock, 18 Inner, 5 "		Water Area

TABLE I.

YEARS.	NUMBER OF VESSELS.		Total No. of Vessels Foreign and Coastwise.	TONNAGE.		Total Tonnage. Foreign and Coastwise Inwards.
	Foreign.	Coastwise.		Foreign.	Coastwise.	
1847	933	5,787	6,420	77,164	367,804	444,968
1848	964	6,522	7,485	145,772	426,437	572,199
1849	1,182	6,166	7,344	182,981	397,892	580,373
1850	1,366	6,314	7,680	236,383	429,893	655,376
1851	1,387	6,490	7,877	260,916	449,753	710,669
1852	1,711	6,212	7,923	331,389	431,696	763,080
1853	2,113	6,200	8,313	428,403	447,836	876,239
1854	2,688	6,304	8,992	502,951	461,115	964,066
1855	2,720	5,662	8,382	607,136	415,781	1,022,817
1856	3,106	6,018	9,124	688,477	446,442	1,134,219
1857	3,082	6,256	9,338	752,366	453,009	1,205,345
1858	2,969	6,406	9,375	650,344	487,978	1,138,322
1859	3,274	6,888	10,262	786,118	548,631	1,334,749
1860	3,528	7,379	10,907	911,442	609,064	1,520,506
1861	3,603	7,933	11,536	879,778	675,355	1,555,133
1862	4,292	7,971	12,263	1,047,400	692,197	1,739,597
1863	4,622	7,715	12,337	1,135,090	684,009	1,819,099
1864	4,146	7,768	11,914	1,120,754	655,287	1,776,041
1865	3,879	7,678	11,557	1,127,560	662,723	1,780,283
1866	4,335	7,573	11,908	1,379,350	646,655	2,026,005
1867	4,466	7,397	11,863	1,456,110	630,438	2,086,548
1868	4,632	6,962	11,594	1,578,619	591,205	2,169,824
1869	4,808	6,995	11,803	1,689,580	607,185	2,385,755
1870	4,736	7,241	11,977	1,786,690	599,440	2,386,133
1871	4,234	6,919	11,153	1,637,725	588,611	2,225,736
1872	4,943	6,994	11,836	1,951,897	600,085	2,552,702
1873	4,694	6,674	11,368	1,920,410	640,089	2,560,499
1874	4,996	6,213	11,176	2,113,987	545,692	2,659,679
1875	4,645	5,541	10,186	1,947,265	493,818	2,441,083
1876	5,111	6,957	12,468	2,367,307	601,240	2,963,547
1877	5,625	6,661	12,286	2,542,210	586,773	3,128,983
1878	5,786	7,138	13,005	2,821,409	613,845	3,335,254
1879	5,761	6,958	12,719	2,944,565	635,613	3,580,178
1880	6,609	7,117	13,726	3,664,576	667,695	4,332,263
1881	5,592	6,853	12,845	3,672,019	705,105	4,377,124
1882	6,032	7,026	13,058	2,151,751	940,836	4,435,293
1883	6,195	7,260	13,455	4,322,849	797,722	5,116,571
1884	6,184	6,823	13,007	4,513,117	785,462	5,298,579
1885	5,990	6,719	12,709	4,563,662	849,512	5,413,174
1886	5,390	6,742	12,132	4,174,950	931,503	5,106,453
1887	5,925	6,531	12,456	4,714,247	919,898	5,634,145
1888	6,179	7,095	13,274	5,148,068	935,694	6,083,762
1889	6,339	7,411	13,750	5,476,773	918,666	6,458,439
1890	4,099	9,672	13,771	3,196,973	3,952,759	7,149,632
1891	4,308	10,415	14,723	3,445,139	4,116,831	7,561,970
1892	3,447	8,770	12,217	2,548,522	2,532,527	5,081,149
1893	3,140	8,861	12,001	2,470,396	2,608,690	5,779,086
1894	3,224	10,543	13,767	2,668,418	3,122,661	5,791,079
1895	3,166	10,150	13,316	2,686,874	2,944,071	5,630,945
1896	3,104	9,652	12,756	3,019,591	3,034,854	6,054,445
1897	3,174	9,933	13,107	3,044,002	2,878,726	5,922,728

INFECTIOUS DISEASES IN THE PORT.—During the year 16 patients have been admitted into the Hospitals for Infectious Diseases belonging to the Cardiff Urban Sanitary Authority. The following table is a statement of the cases and their issue:—

TABLE II.

DATE OF ADMITTANCE. 1897.	DISEASE.			CASES ADMITTED.	RESULT.		
					RECOVERED.	DIED.	IN HOSPITAL AT CLOSE OF YEAR.
Feb. 25.	Typhoid Fever	...	...	1	1		
March 22.	Small Pox	...	...	1	1		
„ 23.	„	...	...	1	1		
„ „	„	...	...	1	1		
„ 24.	„	...	...	1	1		
„ „	„	...	...	1	1		
„ 25.	„	...	...	1	1		
April 2.	Typhoid Fever	...	...	1	1		
„ 13.	Measles	...	...	1	1		
July 10.	Typhoid Fever	...	...	1	1		
Oct. 12.	„ „	...	...	1	1		
„ 29.	„ „	...	...	1		1	
„ „	„ „	...	...	1	1		
Nov. 9.	„ „	...	...	1	1		
„ 11.	„ „	...	...	1	1		
Dec. 23.	Small Pox	...	...	1			1
	Total	...	...	16	14	1	1

SMALL-POX.—During the year three vessels came into the Port with cases of small-pox on board, and in each case the disease was brought from Spain. Two of these vessels came into the Penarth Dock, one the s.s. “Parisien,” on the 22nd March, and the other the s.s. “Futera,” on the 23rd March. The “Parisien” was in the port of Valencia on the 1st and 2nd March, and arrived in London on the 12th. On the 13th (J. M. Andreasen), a fireman, was noticed to be ill, and on the 16th to have a



rash on his face and body, the nature of which was suspected by those on board to be small-pox. Allowing the ordinary period of incubation (12 days), the disease was in this case contracted at Valencia.

On arriving at Penarth Dock your Inspector boarded the vessel, and noticing the condition of this man, at once sent a telegram to your Medical Officer of Health, who came on board before there had been any communication with the shore, examined the man in question, and finding him to be suffering from a very well-marked attack of small-pox, caused him to be at once removed to the small-pox hospital of the Cardiff Sanitary Authority. It is but right to mention that had it not been for the complete arrangements of your Port Sanitary Authority, and for the promptitude of the Inspector on duty, Penarth would have suffered from an outbreak of small-pox. For at the time when your Medical Officer of Health boarded the "Parisien," a crowd of coal trimmers were waiting to go on board. The vessel was at once moored in the middle of the dock and kept under supervision. On the following day three more of the crew were found to have developed small-pox. They were also removed to the hospital. The vessel was disinfected. The remainder of the crew were re-vaccinated, and no other cases occurred up to the date of sailing on April 8th. It is to be noticed in connection with this case that the master of the "Parisien" failed to comply with the regulations in force in your district. He should have stopped his vessel at the Customs Boarding Station, and have forthwith sent notice to the Medical Officer of Health that he had a case of infectious disease on board. As in this case, it was obviously impossible for the master to plead ignorance of the nature of the illness, I advised your Authority to take proceedings. This advice was acted on, and a conviction was obtained, as recorded further in this report, under the heading "Legal Proceedings."

On March 23rd the s.s. "Frutera" arrived at the Penarth Dock, when the master immediately reported to your Medical Officer of Health that some of his crew were ill. On boarding the vessel I found that two men, the first engineer and cook, were suffering from small-pox. The "Futera" was at Valencia from the 6th to the 10th March, so that the disease was also in this case probably contracted at this port. The men were removed to the hospital, the crew were re-vaccinated the vessel and infected articles were disinfected, and no other cases of small-pox occurred on board up to the date of sailing on the 28th March.

On December 23rd the s.s. "Rapid" (bound for Newport) arrived in the Penarth Roads. The master of the vessel feeling ill, came ashore at Cardiff to consult the Medical Officer of the Hamadryad Hospital Ship, Dr. Hughes, who promptly notified the case to your Medical Officer of Health as one of small-pox. In this case the patient was immediately transferred to the small-pox hospital, and fortunately without having communicated the disease to any one on shore. This circumstance shows the value of the Seamen's Hospital, which acts in such cases as an additional safeguard to the port. For, of course, it will occasionally happen that seamen will land apparently well, and after being on shore a few days they may develop some infectious disease which they have contracted in some other port. They then naturally visit the Seamen's Hospital, where the disease is diagnosed by the Medical Officer. I have to acknowledge the assistance that I have received from Dr. Hughes

on several occasions during the year, where by his timely notification your officers have been enabled to take the necessary steps for preventing the spread of disease.

The Local Government Board have repealed the Cholera Regulations dated respectively the 28th August, 1890, and the 6th September, 1892, and have issued a General Order dated 9th November, 1896, making regulations which deal with Cholera, Yellow Fever, and Plague.

They are very similar to those issued with regard to Cholera alone.

All three diseases will in future be dealt with in exactly the same manner under the extended powers given by these Regulations,

Should a ship infected with either Cholera, Yellow Fever, or Plague, reach this Port, it may be detained either by the Medical Officer of Health or by an Officer of Customs, and no person would be allowed to leave it until every person on board has been examined by the Health Officer who certifies to the Master and to the Sanitary Authority that the ship is infected. The Master is therefore required to place his ship at the mooring station, fixed under Article 6 of the Order near the Flat Holm Island, and every person certified to be suffering from any of the above-mentioned diseases is to be removed to the Hospital of the Port Sanitary Authority on the Flat Holm.

Stringent regulations are laid down as to the disinfection of the ship and of any bedding or clothing or infected articles under the directions of the Medical Officer of Health. The process must be completed at the mooring station before the vessel enters the Docks, after which the detention of the vessel ceases, but no person is permitted to land unless he satisfy the Medical Officer of Health as to his name, intended place of destination, and intended address at such place.

Such name, intended place of destination and address are given by the Medical Officer of Health to the Clerk to the Sanitary Authority, and the Clerk transmits the same to the Local Authority of the district in which the place of destination is situate.

Powers are given to direct bilge water and ballast water to be pumped out if necessary and provide the vessel with a proper supply of drinking water, and lastly every ship with Cholera, Yellow Fever or Plague on board must fly a flag of yellow and black borne quarterly, and must keep the same displayed between sunrise and sunset.

During the year the Port Sanitary Authority made fresh regulations dealing with the ordinary Infectious Diseases, pursuant to Section 125 of the Public Health Act, 1875.

These regulations received the sanction of the Local Government Board on the 24th February, 1896, and are as follows :—

#### REGULATIONS MADE BY THE CARDIFF PORT SANITARY AUTHORITY,

*Pursuant to Section 125 of the Public Health Act, 1875,*

For the Removal to Hospital of Persons brought within the District of such Authority (by any Ship or Boat) who are Infected with a dangerous Infectious Disorder.

1.—In these Regulations the expression “The Port Sanitary Authority” means the Mayor, Aldermen and Burgesses of the Borough of Cardiff, acting by the Council, as the Port Sanitary Authority; the expression “The District” means so much of the Customs’ Port of Cardiff as is comprised within the jurisdiction of the Port Sanitary Authority; the expression “Ship” includes a boat; the expression “Medical Officer of Health” includes any legally qualified Medical Practitioner lawfully authorised to act on behalf of such Officer; and the expression “Dangerous Infectious Disorder” means any one of the following diseases:—

SMALL-POX.	DIPHTHERIA.
MEMBRANOUS CROUP.	ERYSIPELAS.
TYPHUS FEVER.	SCARLATINA or SCARLET FEVER.
RELAPSING FEVER.	TYPHOID FEVER.
PUERPERAL FEVER.	CONTINUED FEVER.

2.—These Regulations shall remain in force until they are revoked by the Port Sanitary Authority, or until fresh Regulations under Section 125 of the Public Health Act, 1875, are made by the Port Sanitary Authority, and approved of by the Local Government Board.

3.—Every master or other person having charge of a ship arriving in the District with any person on board, whether a passenger or belonging to the ship’s crew, suffering from a dangerous infectious disorder, shall stop on arrival off the Customs’ Boarding Station, and forthwith send notice to the Medical Officer of Health of the Port Sanitary Authority stationed at his Office in Cardiff, that there is a person on board suffering from such a disorder.

4.—The master or other person in charge of the ship shall cause her to remain off the Customs’ Boarding Station until the Medical Officer of Health has boarded her.

5.—The Medical Officer of Health to whom notice is given as aforesaid shall as soon as practicable visit the ship, and ascertain whether the person referred to in the notice is suffering from a dangerous infectious disorder, and if in the opinion of the Medical Officer of Health he is, and can properly be removed, and proper accommodation can be provided for him in the hospital of the Port Sanitary Authority at Cardiff, or in some hospital to which the Port Sanitary Authority are entitled to remove patients, the master or other person having charge of the ship shall forthwith cause such person to be removed to such hospital according to the directions of the Medical Officer of Health.

6.—If any dangerous infectious disorder shall break out on board any ship arriving in the District, and after she has passed the Customs’ Boarding Station, the master or other person having charge of such ship shall give notice to the Medical Officer of Health of the Port Sanitary Authority, at his Office in Cardiff, that there is on board a person suffering from such a disorder, and if, upon examination, the Medical Officer of Health shall find that he is so suffering, the master or other person in charge of such ship shall forthwith cause such person to be removed to a hospital to which the Port Sanitary Authority are entitled to remove patients, as directed by the Medical Officer of Health.

7.—Every person who shall offend against any of the foregoing regulations shall be liable for every such offence to a penalty of Forty Shillings.



Provided, nevertheless, that the Justices or Court before whom any complaint may be made, or any proceedings may be taken, in respect of any such offence, may, if they think fit, adjudge the payment as a penalty of any sum less than the full amount of the penalty imposed by this Regulation.

*The Common Seal of the Mayor, Aldermen,  
and Burgesses of the County Borough of Cardiff,  
was hereunto affixed at a Meeting of the Council,  
held on the Tenth day of February, 1896, in the  
presence of*



WINDSOR,

*Mayor.*

J. L. WHEATLEY,

*Town Clerk.*

*Approved of by the Local Government Board,  
this Twenty-fourth day of February, 1896.*



HENRY CHAPLIN,

*President.*

HUGH OWEN,

*Secretary.*

On the 21st December, 1896, the Local Government Board issued an order rescinding their General Orders dated the 5th August and the 13th September, 1893 with reference to the importation into England and Wales from certain foreign parts of dirty bedding or disused or filthy clothing as defined in their orders.

The new regulations in the General Order dated 9th September, 1896, give sufficient powers for dealing with those things in the case of all articles infected or likely to retain infection.



TABLE III.

The following Table gives the number of Vessels boarded during the Year ending December 31st, 1897, by the Medical Officer of Health and Inspectors, on account of disease on board during the voyage, or at the time of arrival in Port :—

DATE. 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Feb. 15	10.15 a.m.	s.s. White Cross	British	Calcutta, Bar- celona, Odessa, and Rotterdam	Typhoid Fever and Small Pox	The Master reports that on December 5th, 1896, whilst on the passage to Barcelona from Calcutta, William Murphy, fireman, aged 25 years, and Edward Holman, fireman, aged 24 years, were taken ill, and on arrival at Barcelona on December 8th were certified to be suffering from Typhoid Fever, and were sent to hospital there, taking their effects with them, and the vessel was fumigated. Also on January 29th, whilst on the passage from Odessa to Rotterdam, William Burton, A.B., age 19 years, Thomas Logue, fireman, age 26 years, and George Mitcham, fireman, age 25 years, were taken ill, and on arrival at Rotterdam on February 2nd were certified to be suffering from Small Pox, and were sent to hospital there, taking their effects with them. The vessel was again fumigated. No other case of sickness occurred.
" 22	...	Minerva	...	...	Erysipelas	Notification received to the effect that U. Finlayson was admitted into the Hamadryad Hospital Ship on February 22nd suffering from Erysipelas. He had previously left the Ship "Minerva," lying in Barry Dock.
" 22	...	s.s. Barry	British	Antwerp	Erysipelas	Notification received to the effect that G. Rass was admitted into the Hamadryad Hospital Ship on February 22nd suffering from Erysipelas. He had previously left the s.s. "Barry."
" 25	...	Egalite	French	L'Orient	Typhoid Fever	Adolphe Nicholas, O.S., age 19 years, was unwell on February 27th, and went to the Hamadryad Hospital Ship, where he was treated as an out patient, and on March 2nd he was certified to be suffering from Typhoid Fever. He was removed to the Sanatorium the same day. The vessel was disinfected and his effects; the water casks on board were also cleansed.

TABLE III.—*continued.*

DATE. 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
March 22	12.45 p.m.	s.s. Parisien ...	Norwegian	Tarragona, Valencia, Gandia, Valencia ( <i>via</i> ) London.	Small Pox ...	Ship left Cardiff on February 12th, arrived Tarragona 20th, left Tarragona 26th, arrived Valencia 27th, left Valencia 28th, arrived Gandia 28th, left Gandia March 1st, arrived Valencia 1st, left Valencia 2nd, arrived London 12th, left London 15th. On information received from the Inspector, this vessel was visited by the Medical Officer of Health in Penarth Dock on the 22nd. John Marineuse Andreassen, fireman, age 19 years, was found to be suffering from Small Pox. He was removed immediately to the Small Pox Hospital.  On the 24th, Ernest Herman Fjeldstad, fireman, age 28 years, and Carl E. M. Roer, A.B., age 27 years, were removed to Small Pox Hospital, and on the 25th, August A. Oslen, A.B., age 24 years, was also removed to Small Pox Hospital, suffering from Small Pox. All the effects of the crew were disinfected and the vessel fumigated throughout. All members of the crew were vaccinated, and no other case occurred up to the date of sailing, on April 8th.
" 23	12 noon ...	s.s. Frutera ...	British	Tarragona and Valencia ( <i>via</i> ) Liverpool.	Small Pox ...	Ship left Penarth Dock on February 17th, arrived Tarragona 25th, left Tarragona March 5th, arrived Valencia 6th, left Valencia 10th, arrived Liverpool 19th, left Liverpool on the 21st, arrived Penarth Dock on the 23rd, when the Captain reported two members of the crew sick, namely, Robert Stanford Read, 1st engineer, age 43 years, and John Mackmaster, cook, aged 35 years. Upon examination by the Medical Officer of Health they were found to be suffering from Small Pox. They were removed immediately to the Small Pox Hospital. The ship and infected articles were disinfected and the remainder of the crew were vaccinated. No other case occurred up to the date of sailing on March 28th.

TABLE III.—*continued.*

DATE. 1897.	TIME.	NAME OF SHIP.	NATION- ALTY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
April 2	...	s.s. Aurette ...	British ...	Rotterdam ...	Typhoid Fever	Notification received to the effect that James Brown, A.B., aged 20 years, was admitted into the Hanadryad Hospital Ship, suffering from Typhoid Fever. He was removed forthwith to the Sanatorium. The ship was lying in Barry Dock.
" 9	3.35 p.m.	Sivia ...	Russian ...	Freijo ...	Malarial Fever	— Werther, A.B., was found ill, and he was medically attended on board, suffering from Malarial Fever. No other case of sickness occurred.
" 13	3.20 p.m.	s.s. Strathmairn	British ...	Avonmouth ..	Measles ...	Henry Frazer, A.B., age 35 years, was reported to be ill on board, and upon examination I found him to be suffering from Measles and ordered his removal to the Sanatorium. His effects were disinfected, and the vessel fumigated by the Port Sanitary Authority.
May 24	12.15 p.m.	s.s. Lundy ...	British ...	Rio (via Ham- burg) ...	Yellow Fever ...	The Master reported that Jno. L. Bidgood, A.B., was sent to Hospital at Rio on March 8th, suffering from Yellow Fever. The ship was fumigated at that Port, and no other case of sickness occurred.

TABLE III.—*continued.*

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
July 5	12 noon ...	s.s. Atala	British ...	Rio <i>via</i> Rotterdam	Yellow Fever...	The Mate reported that Thomas McQuade, fireman, age 25 years, — Lind, A.B., C. Dinnacher, (O.S., and — Obeig, fireman, were sent to Hospital at Rio on April 21st, suffering from Yellow Fever. Thomas McQuade died on the 24th, and the remaining three recovered and rejoined the ship. The ship was fumigated throughout, deceased's effects were brought to this port, disinfected by the Port Sanitary Authority, and returned to the Board of Trade Office.
" 10	...	Noreg	Norwegian	...	Typhoid Fever	Notification received to the effect that Jacob Jacobsen, Second Mate, age 23 years, was admitted to the Hamadryad Hospital Ship on July 7th, and was certified to be suffering from Typhoid Fever on the 10th. and he was forthwith removed to the Sanatorium. The ship was lying in Barry Dock.
Aug. 3	11.10 a.m.	Allegro	Norwegian	Sapelo	Fever and Ague	The Master came on shore from Penarth Roads and reported the death of P. L. Hansen, Second Mate, age 28 years, on July 25th, from Typhoid Fever and Ague, and was buried at sea, whilst on the passage from Sapelo to Cardiff. On arrival of the ship in dock P. Haaland, First Mate, age 35 years, John Anderson, O.S., 20 years, Albert Karlsen, A.B., 18 years, and Christian Maart, A.B., 20 years, were found to be suffering from the same complaint; P. Haaland was medically treated on board, and the remaining three were removed to the Hamadryad Hospital Ship. The water tanks were emptied and cleansed, and a fresh supply of water taken at this port.



TABLE III.—*continued.*

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Sept. 4	11.0 a.m.	Limache	British	Talcahuano	Typhoid Fever	The Master reported that R. Thomas, Second Mate, was taken ill on May 14th, and sent to hospital at Talcahuano the same day suffering from Typhoid Fever. Also David Todd, apprentice, age 19 years, was taken ill on May 28th, suffering from Typhoid Fever, died on July 3rd, and was buried at sea whilst on the passage to Cardiff. All his effects were destroyed. The ship was fumigated, and the fresh water tanks emptied and cleansed, and a fresh supply taken at this port.
" 11	7.40 p.m.	Galathea	Norwegian	Cape Tormen- tine, N.B.	Beri Beri	The Master came on shore from Penarth Roads and reported that O. Hansen, Steward, 48 years, was ill on board. He was removed to the Hamadryad Hospital Ship, where he was found to be suffering from Beri Beri.
" 13	3.0 p.m.	s.s. Rotherfield	British	Rotterdam	Typhoid Fever	The Mate reported that George Bruce, Messroomboy, age 18 years, was sent to Hospital at Rotterdam, Sept. 11th, suffering from Typhoid Fever, and taking all his effects with him. The ship was fumigated at that port and water tanks emptied, cleansed, and a fresh supply of water taken at this port.
" 15	10.30 a.m.	Myrtle	Norwegian	Amsterdam	Malarial Fever	On boarding this vessel George Duttonar, A.B., age 29 years, was found to be ill and was medically treated on board, suffering from Malarial Fever.
" 22	4.45 p.m.	s.s. Knight Bachelor	British	Antwerp	Beri Beri	The Master reported that Sheikh Hassan Noordeen, A.B., age 17 years, died from Beri Beri and was buried at sea, on September 21st, whilst on the passage from Antwerp to Cardiff. Remainder of crew all well.

TABLE III.—*continued.*

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Oct. 1	3.50 p.m.	s.s. Lyndhurst	British	Baltimore, U.S. and Bayonne ( <i>via</i> ) Bilbao	Dysentery	The Master reported that John Giddings, fireman, aged 48 years, died from Dysentery on Sept. 16th, whilst on the passage from Baltimore to Bayonne, and was buried at sea. No other case of sickness occurred.
" 9	10.45 a.m.	s.s. Welhaven	Norwegian	Glasgow ( <i>via</i> ) Gothenburg	Typhoid Fever	The Mate reported that the ship arrived at Gothenburg from Glasgow on Sept. 17th, and on the 23rd, John Tobiasen, A.B., aged 20 years, and Amarias Hansen, aged 21 years, were sent to hospital suffering from Typhoid Fever. Their effects and the ship were disinfected, also water tanks emptied and cleansed at that port. No other case of sickness occurred.
" 12	...	s.s. Whitehall	British	Rotterdam	Typhoid Fever	Notification received to the effect that Oscar Jacobsen, A.B., aged 32 years, was admitted into the Hamadryad Hospital Ship on October 12th, and was certified to be suffering from Typhoid Fever. He was forthwith removed to the Sanatorium. The ship sailed the same day.
" 29	9.30 a.m.	Argentina	Norwegian	Shields ( <i>via</i> ) Rio Janeiro and Halifax, N.S.	Typhoid Fever	On boarding this vessel the Master reported that the ship sailed from Shields to Rio Janeiro and from thence to Halifax, N.S., and on arrival there on July 22nd, John Westernland, A.B., aged 47 years, was sent to hospital and remained there until day of sailing, on Sept. 26th, and on October 14th he died and was buried at sea. On October 18th, August Rusgren, A.B., aged 22 years, and on October 23rd, Alfred Amarsen, O.S., 15 years, were taken ill, and on arrival at Cardiff on October 29th, they were both removed to the Sanatorium, suffering from Typhoid Fever. The ship and their effects were disinfected, also water tanks emptied and cleansed, and a fresh supply of water taken at this port.

TABLE III.—continued.

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Nov. 9	9.30 a.m.	s.s. Aldersgate	British ...	Galveston ( <i>via</i> ) Bremen	Typhoid Fever	The mate reported that the ship left Galveston. October 11th, arrived at Bremen October 31st, and on Nov. 1st, William Buckingham, Messroom boy, aged 18 years, was taken ill, and on arrival at Cardiff on Nov. 8 went to Hamadryad Hospital Ship, and was certified to be suffering from Typhoid Fever and was forthwith removed to the Sanatorium. His berth and effects were disinfected and water tanks emptied and cleansed and a fresh supply of water taken.
" 11	3.15 p.m.	s.s. Nicholas II.	Danish ...	St. Petersburg & Copenhagen ( <i>via</i> ) Antwerp.	Typhoid Fever	On boarding this vessel the Mate reported that the ship arrived at Antwerp on October 28th, from St. Petersburg and Copenhagen, and on the 30th Bernhard Löf, fireman, aged 19 years, was taken sick (supposed severe cold). Left Antwerp Nov. 7, arrived Cardiff Nov. 10th, and on arrival he was sent to Hamadryad Hospital Ship, and was certified on the 12th to be suffering from Typhoid Fever, and was removed to the Sanatorium, taking his effects with him. The vessel sailed the same day.
" 13	9.30 p.m.	Chipman ...	Norwegian	Rio Janeiro ( <i>via</i> ) Mobile	Fever, Ague and Dysentery	The Master reported the Ship left Rio June 18th, arrived Mobile August 6th, and on Sept. 18th, whilst at Mobile, Niels Guttormsen, A.B., 40 years, was taken ill with Fever, Ague and Dysentery. Left Mobile Sept. 20th, and on the 22nd Mannus Sorensen, O.S., 19 years, and Segvart Hansen, O.S., 19 years were taken ill, and on Sept. 25th P. A. Bugge, Master, 56 years, was taken ill, all suffering from Fever and Ague and Dysentery. Arrived at Cardiff Nov. 13th, when they were removed to the Hamadryad Hospital Ship. The water tanks were emptied and cleansed and a fresh supply of water taken on board.

TABLE III.—*continued.*

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Nov. 15	3.15 p.m.	s.s. Turenne	French	Rufsig ( <i>via</i> ) Havre and Antwerp	Malarial Fever	The Master reported that the ship left Antwerp Nov. 8th and arrived Cardiff Nov. 14th, when it was found that P. J. Louis, fireman, 31 years, and Louis Chauvet, A.B., 21 years, were suffering from Malarial Fever, and were removed to Hamadryad Hospital Ship. The water tanks were emptied and cleansed and a fresh supply of water taken on board.
" 17	1.15 p.m.	Ans	Russian	Riga ( <i>via</i> ) Cherbourg	Typhoid Fever	The Master reported that the ship left Riga October 5th, and on October 20th, whilst at sea, Frid Krahge, A.B. age 27 years, was taken ill, and on arrival at Cherbourg on October 25th he was sent to the hospital suffering from Typhoid Fever, taking effects with him. Water tanks emptied and a fresh supply of water taken at that port. All well on arrival at this port.
Dec. 2	11.0 a.m.	s.s. Highlander	British	Savannah ( <i>via</i> ) Hamburg	Malarial Fever	The Mate reported that Richard Dean, 1st Mate, was landed and sent to Hospital at Dartmouth on November 11th suffering from Malarial Fever, whilst on the passage from Savannah to Hamburg. All well on arrival at this port.
" 3	3 p.m.	s.s. Starecross	British	Spezzia and Odessa ( <i>via</i> ) Hamburg	Diarrhoea	The Mate reported that the ship left Cardiff Sept. 18th, and on the 27th John Zungi, A.B., 26 years, and Oscar Petersen, fireman, 28 years, were taken ill with Diarrhoea, and on arrival at Spezzia on Sept. 29th both men were sent to Hospital. The ship was fumigated and left on October 7th for Odessa and Hamburg. No other case of sickness occurred, and all well on arrival at this port.
" 7	3.15 p.m.	s.s. Mutual	British	Ibrail and Galatz ( <i>via</i> ) Hamburg	Typhoid Fever	On boarding this vessel the Master reported that the ship left Cardiff for Ibrail and Galatz. Left Galatz Nov. 3rd, and on the 20th Ric Shettart, A.B., 22 years, was taken ill, and on arrival at Hamburg on Nov. 29th he was sent to Hospital and was certified to be suffering from Typhoid Fever, taking all his effects with him. Water tanks emptied and cleansed at that port. No other case occurred.



TABLE III.—*continued*

DATE 1897.	TIME.	NAME OF SHIP.	NATION- ALITY.	WHERE FROM.	NATURE OF SICKNESS.	REMARKS.
Dec. 23	...	s.s. Rapid	British	Lisbon and Seville ( <i>via</i> ) Ardrossan	Small Pox	... The ship left Newport on Nov. 18th for Lisbon and Seville. Left Seville Dec. 6th and arrived at Ardrossan Dec. 18th, when Captain Charles A. Lee, aged 47 years, was taken ill. Ship left Ardrossan Dec. 21st, and on arrival in Penarth Roads on Dec. 23rd the Captain came on shore and proceeded to the Hamadryad Hospital Ship and was certified to be suffering from Small Pox, and was forthwith removed to the Small Pox Hospital. The vessel proceeded to Newport, and the Authorities at that port were communicated with.

INSPECTION OF SHIPPING.—During the year 1897, 6,257 vessels were inspected ; 5,391 were found in a fair or good condition, and 866 in a more or less defective or Insanitary condition.

One hundred and thirty-nine written notices were served and seven hundred and twenty-seven verbal orders were given.

The systematic inspection of shipping in the Bute and Penarth Docks, was efficiently performed by the Chief Inspector David Jenkins, and by the Assistant Inspectors F. S. Rees and S. J. Holbourn. The annexed tables will afford evidence of useful work performed by the officers of the Port Sanitary Authority, and will show that the inspection of shipping in the port has resulted in a great improvement in the Sanitary condition of the floating population.

The chief defects found on board ship were :—defective ventilation, impure water supply, defective bulk-heads, defective drainage or water closet accommodation, leaky decks, unlined iron decks, and direct communication between men's berths and waterclosets.

As a rule very little difficulty was experienced in obtaining compliance with the requirements of the Inspector.

Shipowners and Masters willingly carry out the recommendations of the Port Sanitary Authority, with the result that the proportion of Vessels having Sanitary defects, amongst those which frequent this port, has decreased in a most marked manner.

The following Table shows the number of Vessels, foreign and coastwise, inspected during the year :—

TABLE IV.

				NUMBER INSPECTED.	NUMBER DEFECTIVE.	NUMBER OF ORDERS ISSUED.
FOREIGN	{	Steam-ships	...	2,112	290	290
		Sailing-ships	...	559	109	109
		Fishing	...	...	...	...
				2,671	399	399
COASTWISE	{	Steam-ships	...	2,385	260	260
		Sailing-ships	...	1,196	207	207
		Fishing	...	5	...	...
				3,586	467	467
Total Foreign and Coastwise				6,257	866	866

The following Table shows the number and nationalities of the vessels inspected during the year ;—

TABLE V.

NATIONALITY.					STEAM.	SAIL.	TOTAL STEAM AND SAIL.
American	...	...	...	...	—	2	2
Austrian	...	...	...	...	40	3	43
Belgian	...	...	...	...	10	—	10
Brazilian	...	...	...	...	1	—	1
British	...	...	...	...	3,820	1,215	5,035
British American	...	...	...	...	—	26	26
Chilian	...	...	...	...	1	—	1
Danish	...	...	...	...	18	17	35
Dutch	...	...	...	...	16	5	21
French	...	...	...	...	160	105	265
German	...	...	...	...	73	37	110
Greek	...	...	...	...	53	1	54
Italian	...	...	...	...	50	28	78
Norwegian	...	...	...	...	186	214	400
Portuguese	...	...	...	...	7	11	18
Roumanian	...	...	...	...	5	—	5
Russian	...	...	...	...	4	30	34
Spanish	...	...	...	...	32	23	55
Swedish	...	...	...	...	33	31	64
Totals	...	...	...	...	4,509	1,748	6,257

During the year the forecastles, berths, water-closets, etc., in 456 British ships and 91 Foreign ships, respectively, have either been cleansed, painted, or limewashed.

The following table shows their nationalities :—

TABLE VI.

Austrian	...	...	...	...	...	1
Belgian	...	...	...	...	...	1
Brazilian	...	...	...	...	...	1
British	...	...	...	...	...	456
British American	...	...	...	...	...	5
Danish	...	...	...	...	...	1
Dutch	...	...	...	...	...	1
French	...	...	...	...	...	46
German	...	...	...	...	...	6
Italian	...	...	...	...	...	9
Norwegian	...	...	...	...	...	8
Portuguese	...	...	...	...	...	2
Russian	...	...	...	...	...	2
Spanish	...	...	...	...	...	4
Swedish	...	...	...	...	...	4
Total	...	...	...	...	...	547

The following Table shows the number and nationality of the vessels, on which structural defects were detected :

TABLE VII.

NATIONALITY.	Number of ships.	Defective side ports.	Defective water closets.	Defective bulkheads and floors in crew's spaces.	Defective cable casings in crew's spaces.	Defective or unlined iron decks over berths.	Defective stoves and funnels in crew's spaces.	Defective ventilation.	Defective ventilation to deck water closets.	Defective and dirty water casks and tanks.	Defective lighting.	Defective ventilators in crew's spaces.	Defective drainage.	Leaky decks over berths.	Foul bilges and peaks.	Ships' stores kept in crew's spaces.	Foul accumulations.	Water closets and paint lockers adjoining and ventilating into berths.	CASES.	REMEDIED.
Austrian ...	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	6
British ...	312	92	21	33	21	15	42	9	21	30	20	8	5	27	19	47	32	4	446	399
British American	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
Dutch ...	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
French ...	24	1	3	1	3	8	3	10	3	3	1	5	1	5	1	5	1	1	41	31
German ...	10	1	1	1	1	1	3	2	3	3	1	1	1	1	1	1	1	1	13	13
Greek ...	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
Italian ...	8	4	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	15	15
Norwegian	39	4	1	1	1	12	16	3	9	2	1	1	1	1	2	2	1	1	52	51
Portuguese	4	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	9	9
Roumanian	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Russian ...	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
Spanish ..	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3
Swedish...	4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	6	6
Totals	422	96	23	46	23	16	48	37	49	39	51	14	7	35	24	58	37	5	608	548



The following Table Shows the quantity of Frozen Meat that has been landed at this Port during the year :—

TABLE VIII.

DATE. 1897.	NAME OF SHIP.	WHERE FROM.	MUTTON.				BEEF.			Hearts (Bags.)	Tongues (Bags.)	Pigs.	Suet (Cases.)
			Carcases.	Half Carcases.	Legs.	Hind Quarters.	Quarters.	Hind Quarters.	Fore Quarter.				
Jan. 7	s.s. Zephyrus...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
" 18	s.s. Hornby Grange ...	River Plate via London and Liverpool	...	...	...	...	...	...	...	...	...	...	...
April 8	s.s. Zephyrus...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
" 20	s.s. Ovingdean Grange	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
May 17	s.s. Hornby Grange	River Plate via Newcastle	...	...	...	...	...	...	...	...	...	...	...
" 18	s.s. Zeno ...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
June 11	s.s. Zarate ...	River Plate via Liverpool	...	...	...	...	...	...	...	20	...	...	...
July 16	s.s. Zephyrus...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
" 23	s.s. Elstree Grange ...	River Plate via London and Liverpool	...	...	...	...	...	...	...	...	...	...	...
Aug. 12	s.s. Ovingdean Grange	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
" 19	s.s. Zero ...	River Plate via Liverpool	...	...	...	...	...	...	...	120	25	...	...
Sept. 9	s.s. Hornby Grange ...	River Plate via London and Liverpool	...	...	...	...	...	...	...	120	...	...	...
" 21	s.s. Zarate ...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
Oct. 29	s.s. Zephyrus...	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	...
Nov. 8	s.s. Elstree Grange ...	Buenos Ayres via London and Liverpool	...	...	...	...	...	...	...	39	...	100	...
" 29	s.s. Ovingdean Grange	River Plate via Liverpool	...	...	...	...	...	...	...	...	...	...	50
Dec. 11	s.s. Zero ...	River Plate via Liverpool	...	...	...	...	...	...	...	54	...	...	...
		Totals	...	...	...	...	...	...	...	344	25	100	50
			129,090	3,217	422	28,039	3,025	806	300	344	25	100	50

IMPORTATION OF FROZEN MEAT.—From the enclosed table it will be seen that the Frozen Meat Trade is, in this port, a large and important industry, and the due inspection of such meat forms an important part of the duty of the Inspectors. In each case the ship carrying the meat was inspected, and notice of the destination of the cargo forwarded to the Inspector of Nuisances of the Urban Sanitary Authority, who visits the refrigerators and provision shops. In this way the meat is kept, as far as possible, under supervision until the time of sale. Altogether, seventeen cargoes of frozen meat arrived in this port during the year.

The Importation of Foreign Cattle has continued during the year. The S.S. Ruperra arrived in this port on September 27th and on November 16th with large cargoes of live cattle. The supervision of this trade is under the Inspectors appointed by the Privy Council and Board of Agriculture.

#### LEGAL PROCEEDINGS.

March 26th.—Proceedings were taken against Captain L. T. Hansen, of the Norwegian S.S. "Parisien," for infringing the regulations of the Port Sanitary Authority by not reporting a case of Small Pox on board his vessel on arrival at Penarth Dock, also for allowing his ship to be removed from H.M. Customs Boarding Station before the Medical Officer of Health had boarded the ship. A conviction was obtained in the first case, and the captain was fined £1 and costs, and in the second case the summons was withdrawn.

I have the honour to be, Gentlemen,

Your obedient Servant,

EDWARD WALFORD, M.D.,

*Medical Officer of Health.*